

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025517.D
 Acq On : 19 Jul 2018 12:58
 Operator : MD/SY
 Sample : J3984-17DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A7DL

Quant Time: Jul 20 02:45:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285255	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58647	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.80%
7) Chloroethane-d5	1.69	69	54716	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.30%
11) 1,1-Dichloroethene-d2	2.28	63	102454	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	4.18	46	128944	81.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.41%
24) Chloroform-d	4.65	84	169120	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.31	65	117776	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
32) Benzene-d6	5.35	84	314158	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.33	67	106026	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.88%
41) Toluene-d8	7.57	98	289139	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	50988	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.82%
47) 2-Hexanone-d5	8.31	63	89822	75.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.89%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	150032	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	124442	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

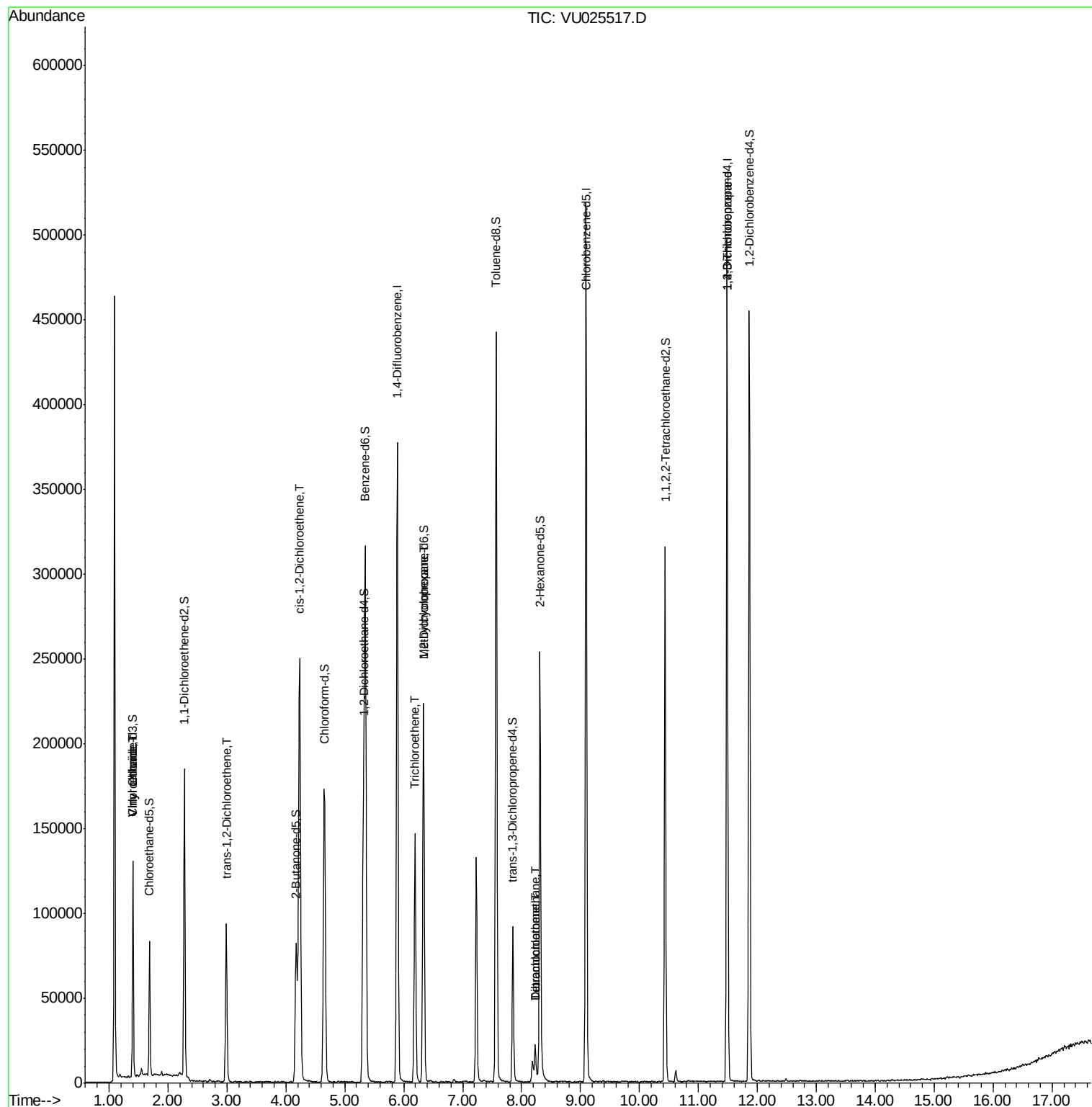
					Qvalue
5) Vinyl chloride	1.41	62	27636	11.961 ug/L	97
8) Chloroethane	1.41	64	9450	6.834 ug/L #	64
17) trans-1,2-Dichloroethene	2.99	96	35315	17.452 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	141571	57.143 ug/L	97
34) Trichloroethene	6.19	95	49750	22.270 ug/L	98
35) Methylcyclohexane	6.34	83	25810	7.610 ug/L #	18
46) Tetrachloroethene	8.23	164	3949	2.119 ug/L	92
49) Dibromochloromethane	8.23	129	3447	1.290 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13609	4.396 ug/L #	80

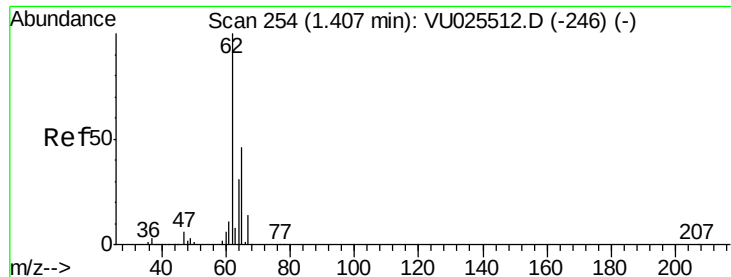
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 02:44:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.961 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

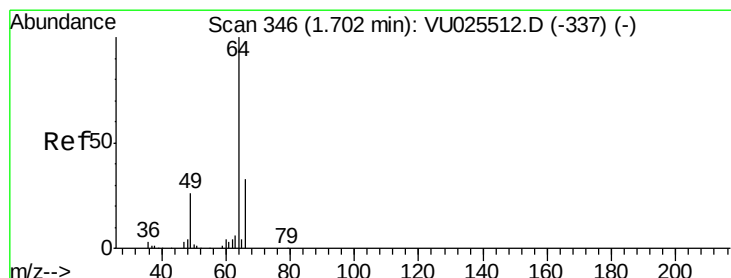
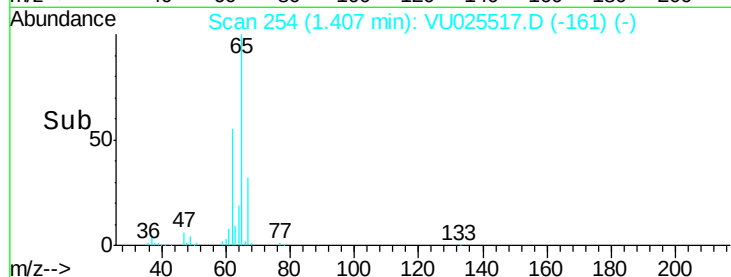
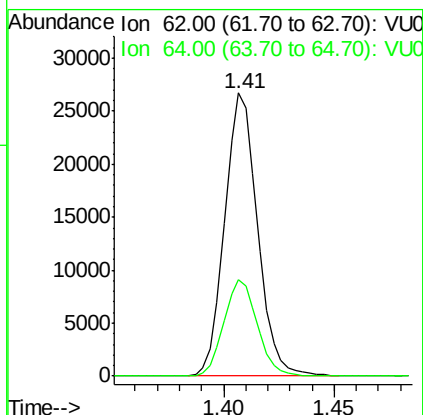
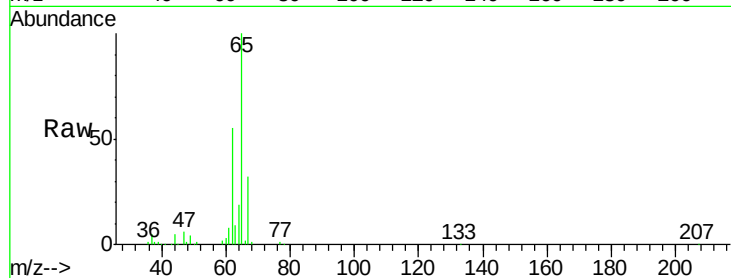
DB1A7DL

Tgt Ion: 62 Resp: 27636

Ion Ratio Lower Upper

62 100

64 34.1 22.7 42.1



#8

Chloroethane

Concen: 6.834 ug/L

RT: 1.41 min Scan# 254

Delta R.T. -0.30 min

Lab File: VU025517.D

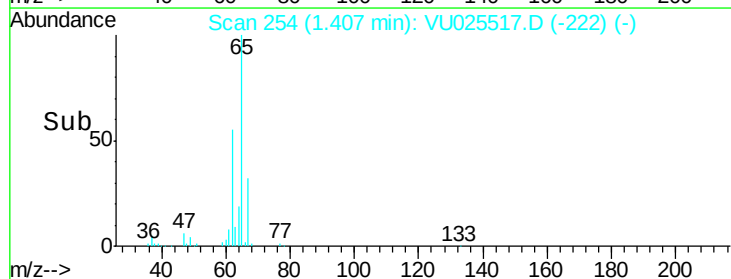
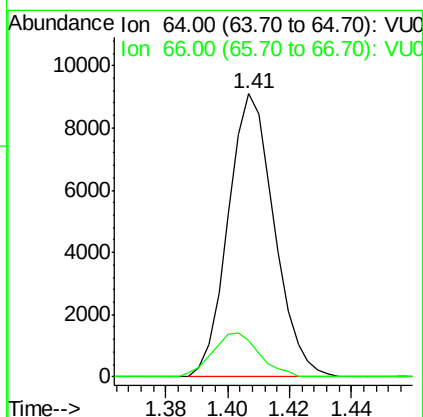
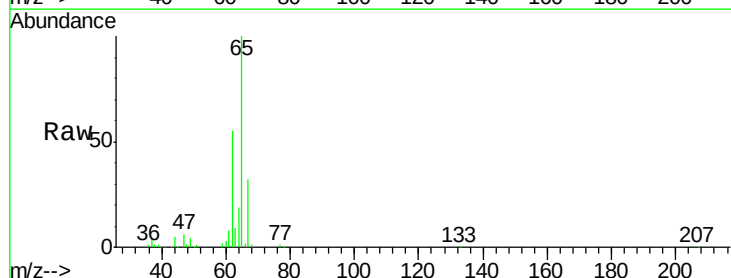
Acq: 19 Jul 2018 12:58

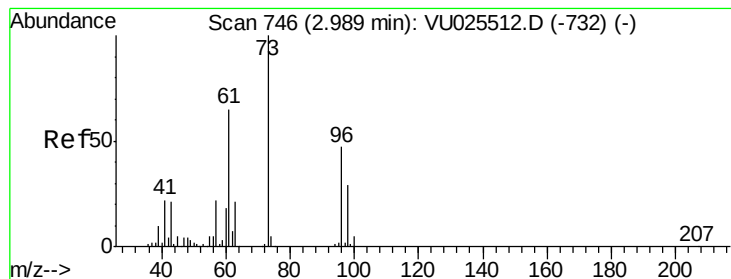
Tgt Ion: 64 Resp: 9450

Ion Ratio Lower Upper

64 100

66 12.7 23.0 42.8#





#17

trans-1,2-Dichloroethene

Concen: 17.452 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL

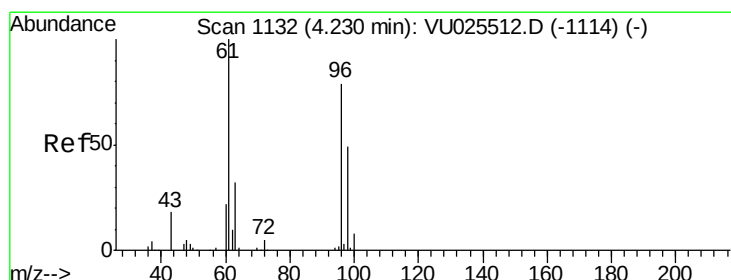
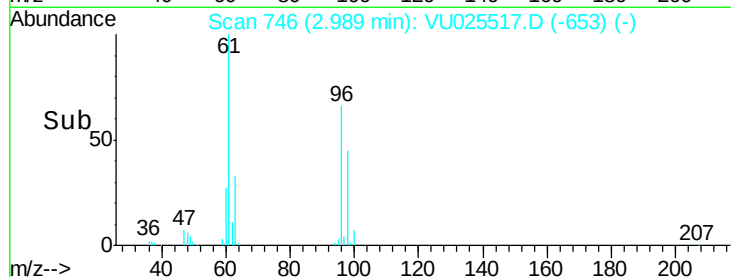
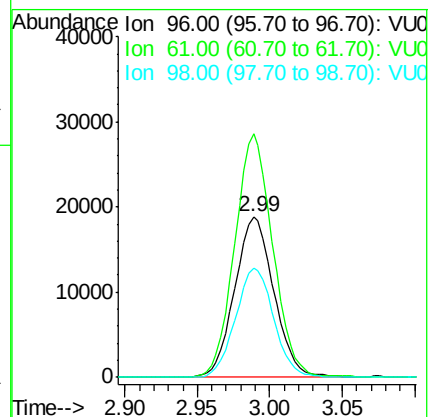
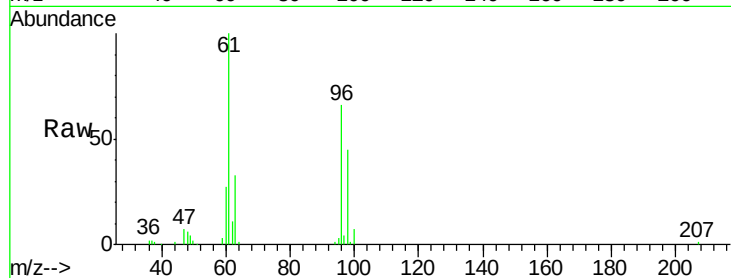
Tgt Ion: 96 Resp: 35315

Ion Ratio Lower Upper

96 100

61 151.4 103.6 192.4

98 68.2 44.8 83.2



#20

cis-1,2-Dichloroethene

Concen: 57.143 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

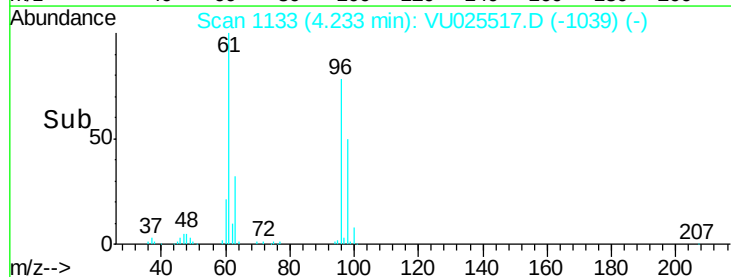
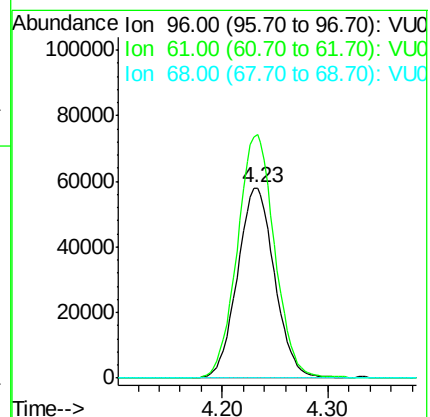
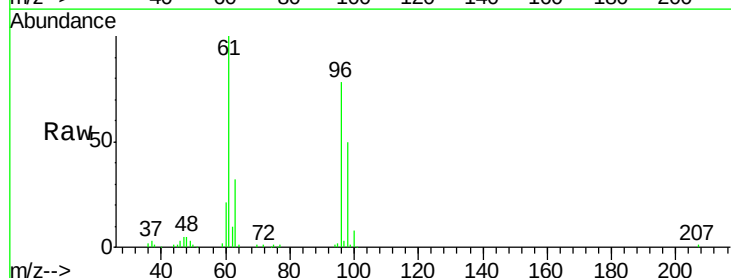
Tgt Ion: 96 Resp: 141571

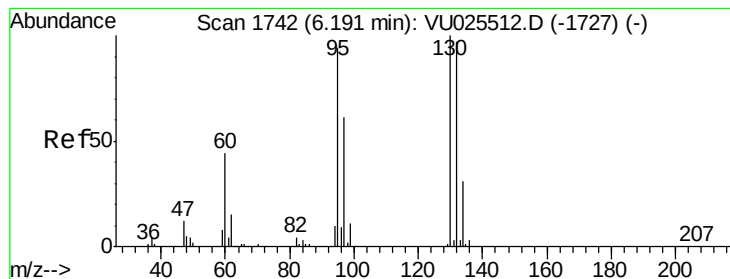
Ion Ratio Lower Upper

96 100

61 127.8 91.7 170.3

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 22.270 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL

Tgt Ion: 95 Resp: 49750

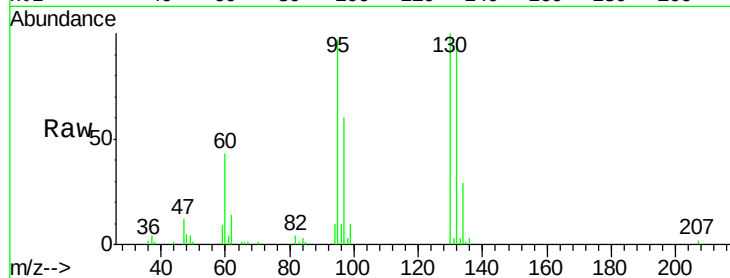
Ion Ratio Lower Upper

95 100

97 61.6 45.9 85.3

132 98.3 68.2 126.6

130 102.9 71.8 133.4

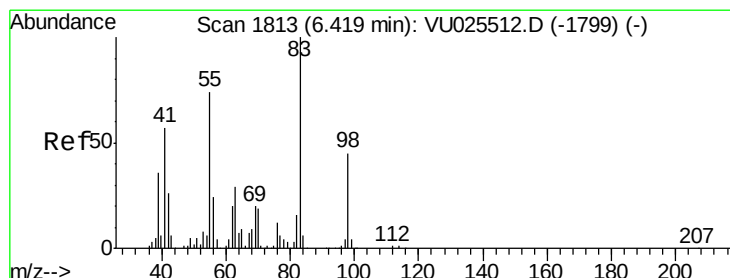
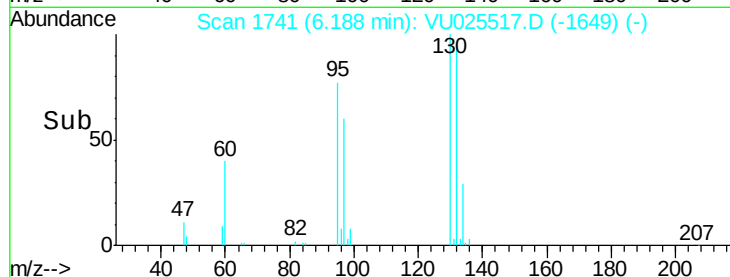
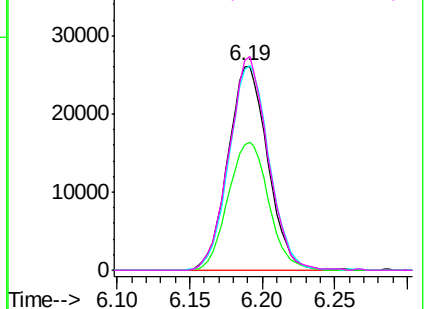


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.610 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

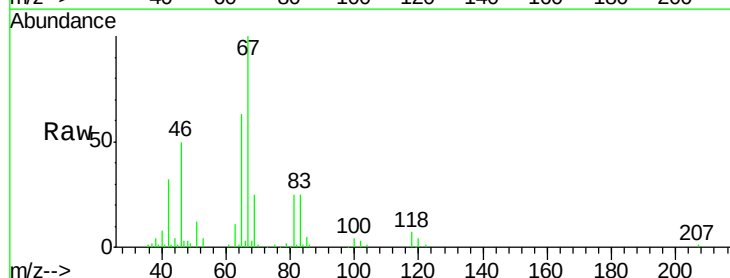
Tgt Ion: 83 Resp: 25810

Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.8#

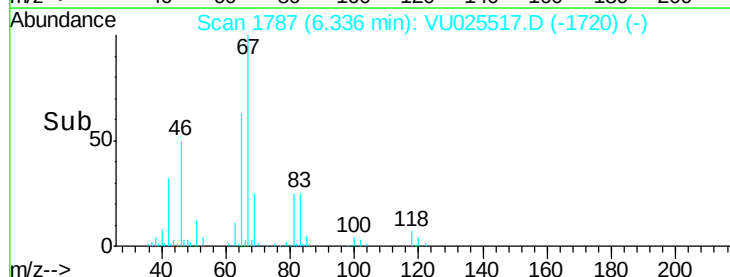
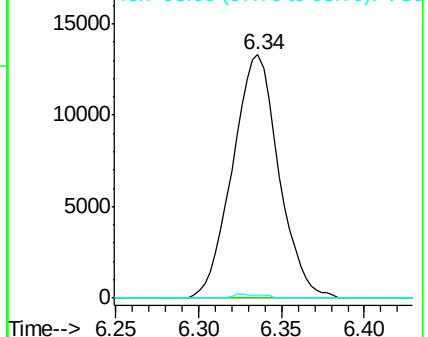
98 0.4 38.7 58.1#

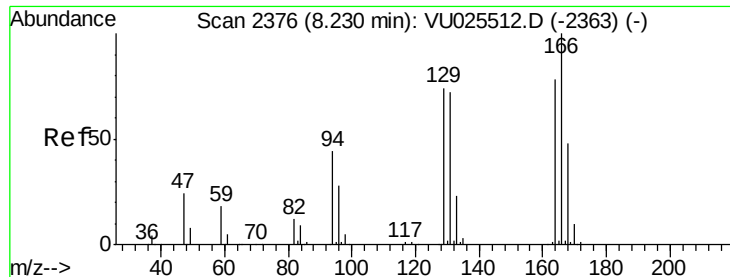


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

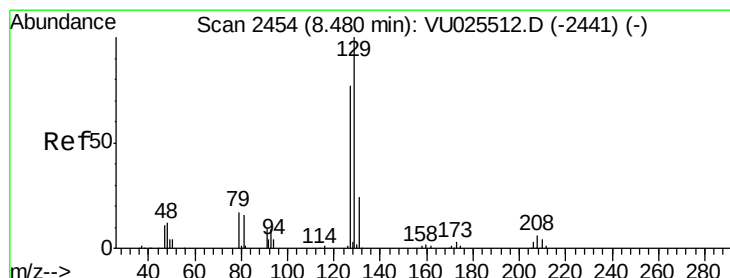
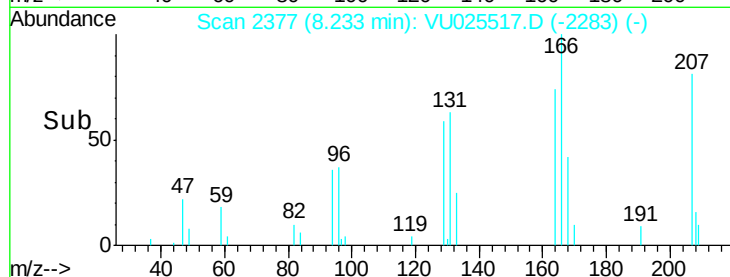
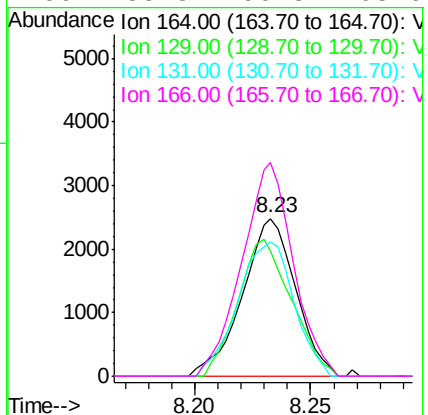
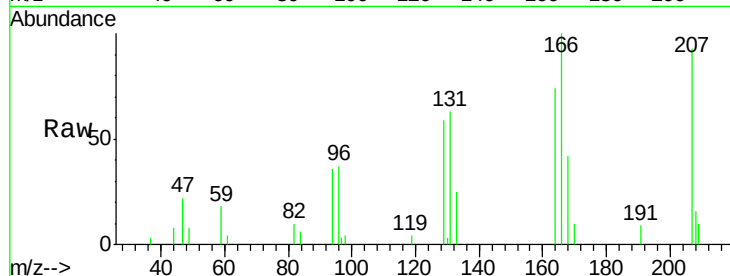




#46
Tetrachloroethene
Concen: 2.119 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025517.D
Acq: 19 Jul 2018 12:58

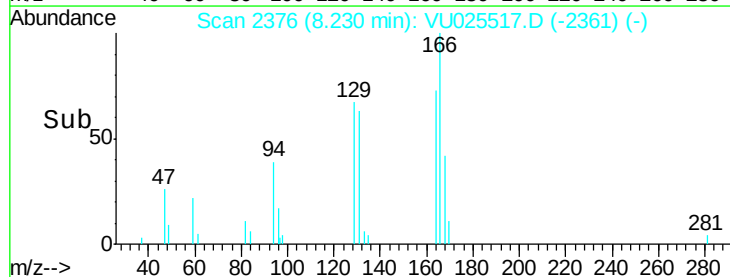
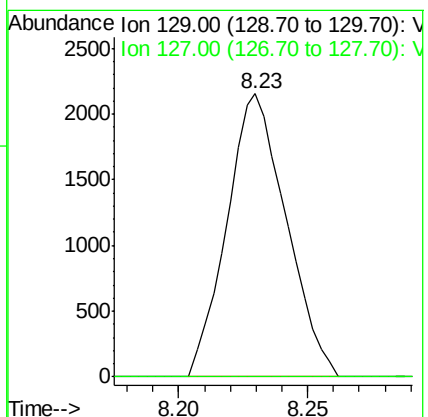
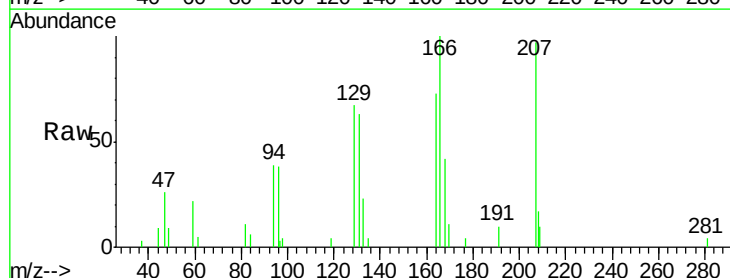
Instrument :
MSVOA_U
ClientSampleId :
DB1A7DL

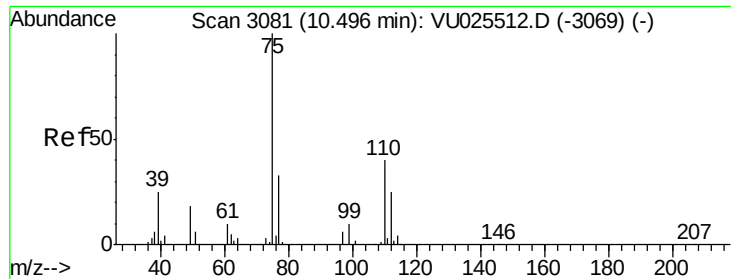
Tgt Ion:164 Resp: 3949
Ion Ratio Lower Upper
164 100
129 79.7 66.5 123.5
131 85.4 63.7 118.3
166 135.3 90.8 168.6



#49
Dibromochloromethane
Concen: 1.290 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU025517.D
Acq: 19 Jul 2018 12:58

Tgt Ion:129 Resp: 3447
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#





#59

1,2,3-Trichloropropane

Concen: 4.396 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL

Tgt Ion: 75 Resp: 13609

Ion Ratio Lower Upper

75 100

77 44.2 26.2 39.2#

